

100 95 90 85 80 75 70 65

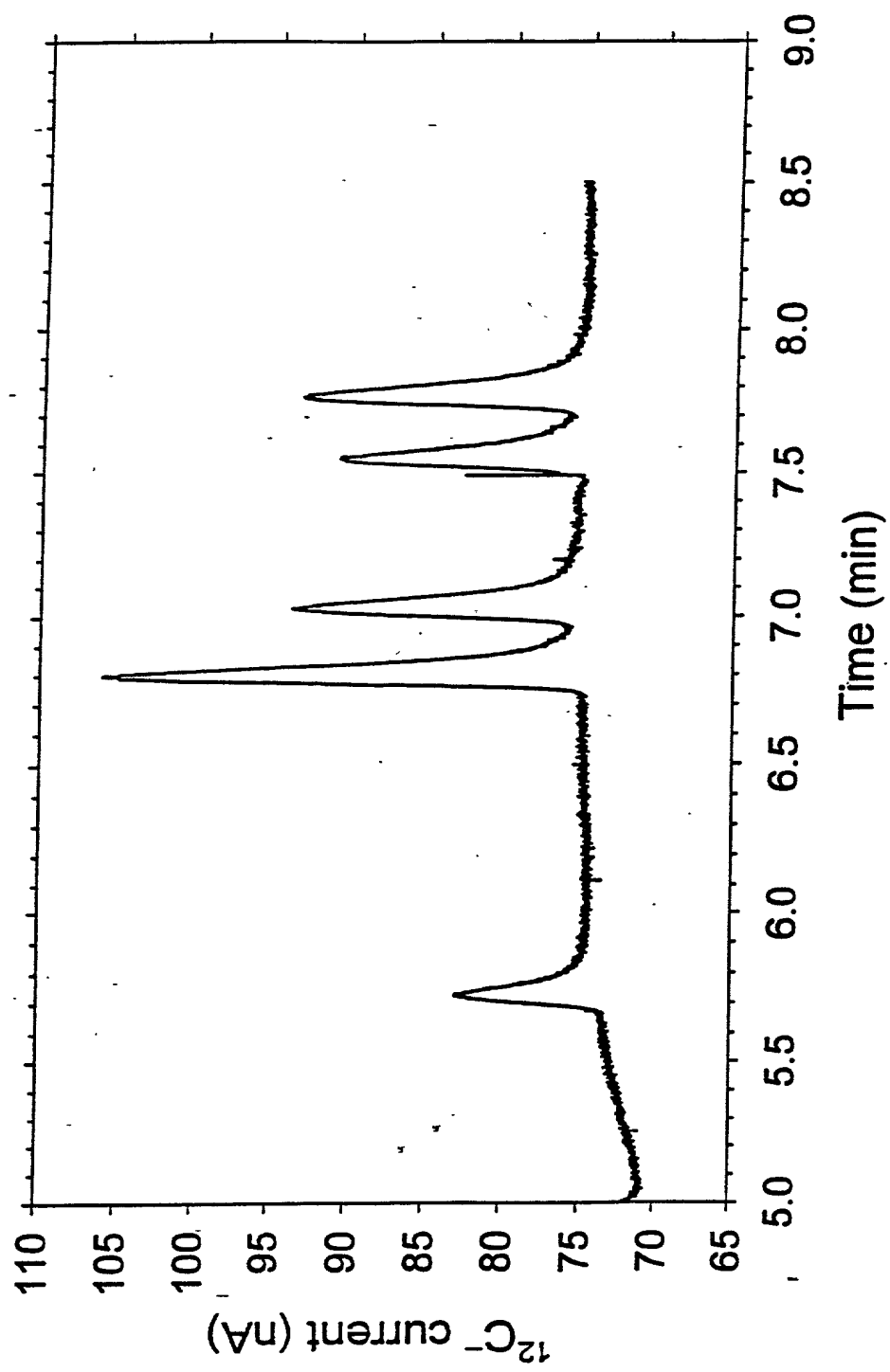


FIG. 1

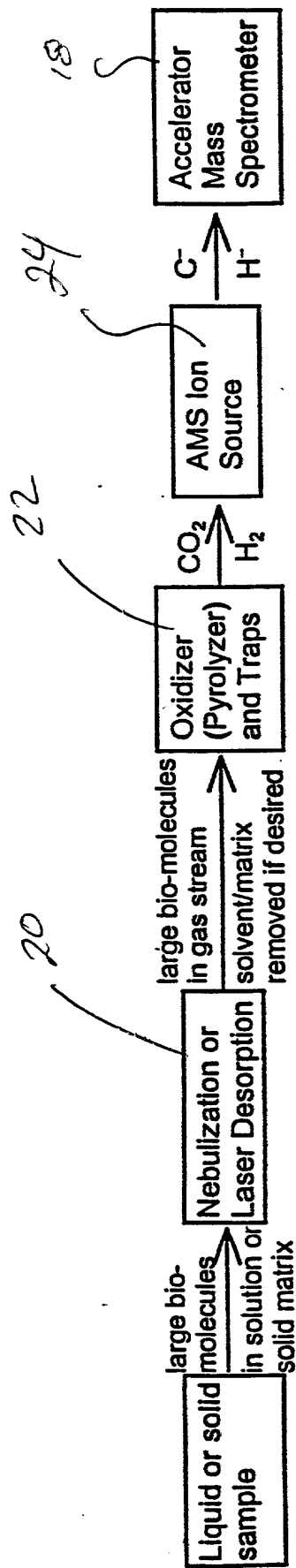


FIG. 2

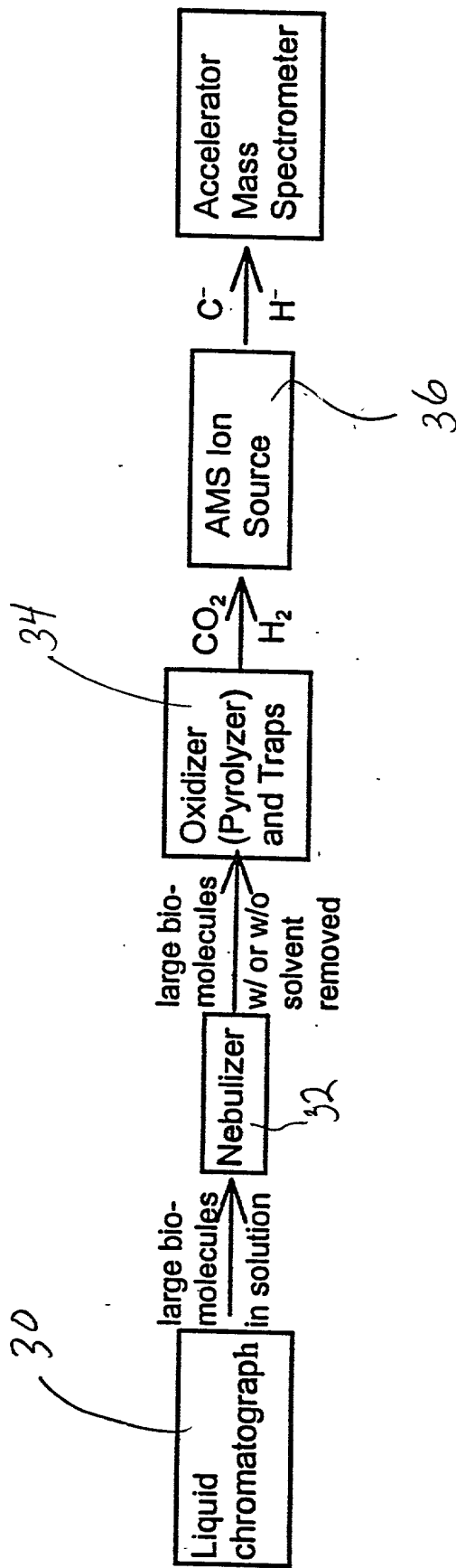


FIG. 3

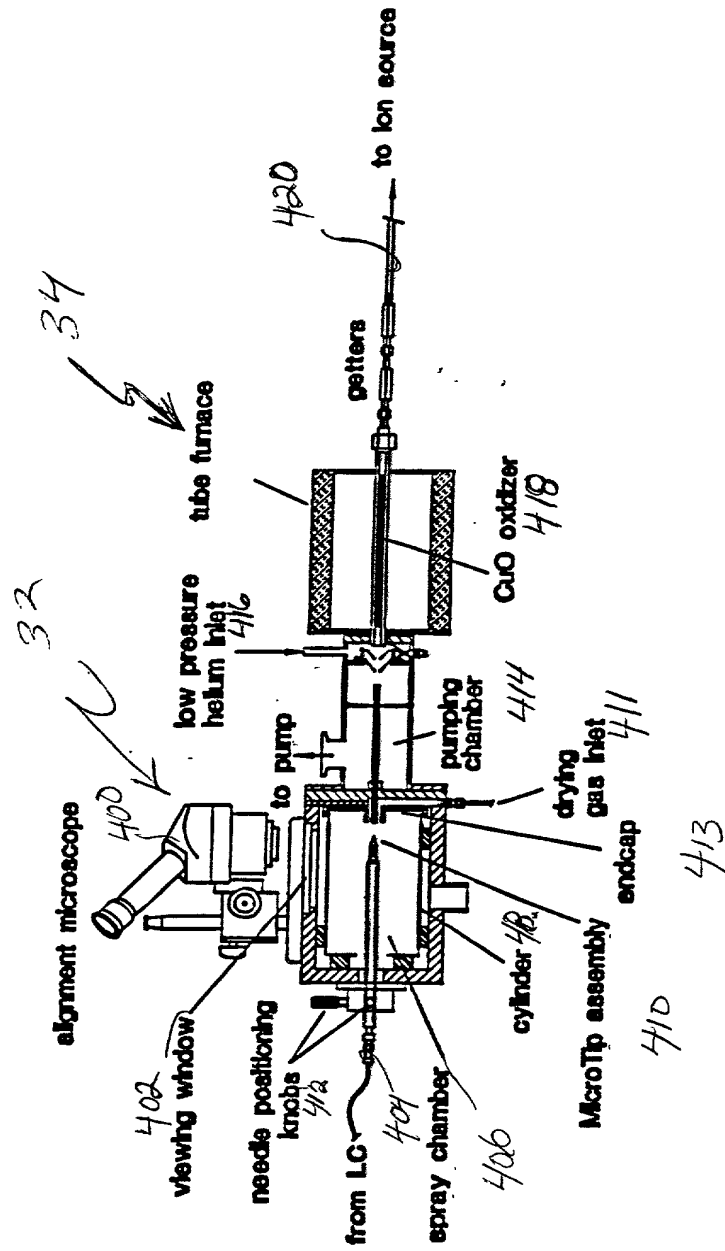


FIG. 4A

FIG. 4B is a cross-sectional view of the reactor tube assembly of FIG. 4A, taken along line 4-4 of FIG. 4A, showing the reactor tube assembly in cross-section. The reactor tube assembly includes a quartz or ceramic reactor tube 410, a quartz wool plug 412, a copper oxide layer 414, a ring electrode 416, a lens 418, an electrical feedthrough 420, a self-aligning centering support 422, a capillary exit 424, and an analyzer 426.

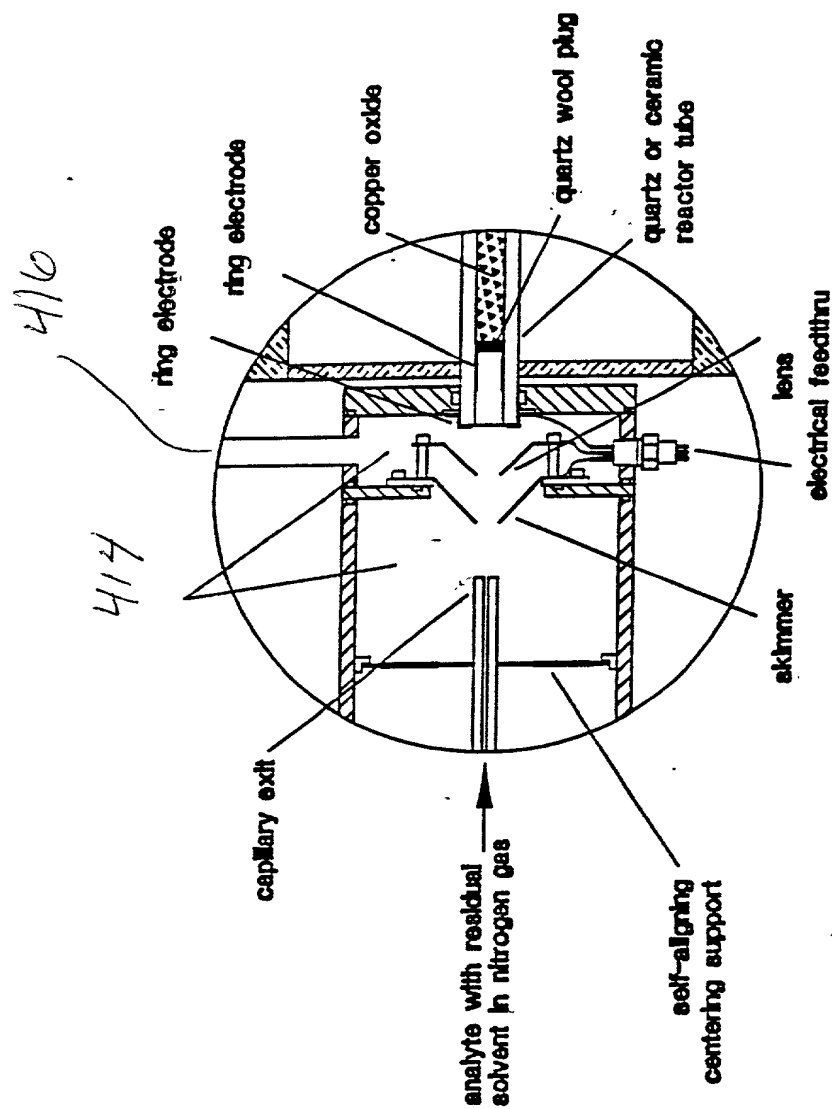


FIG. 4B

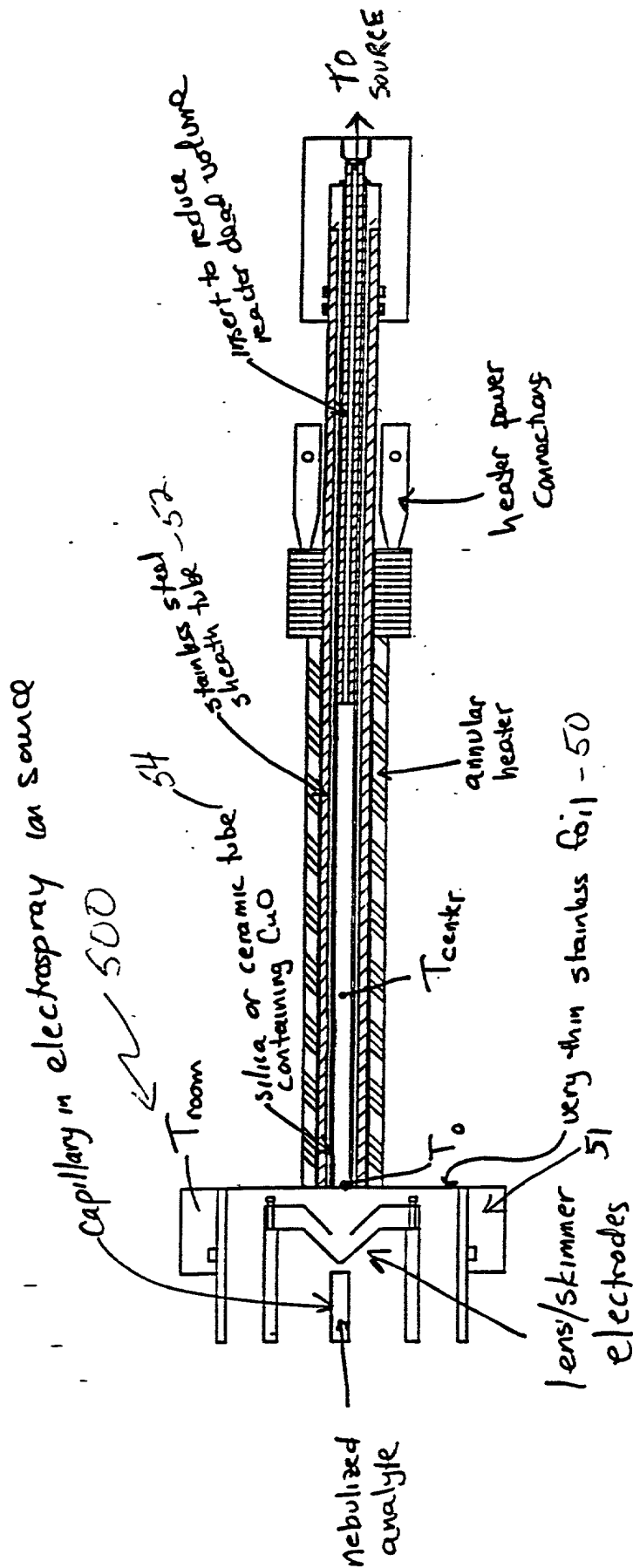
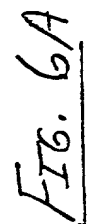
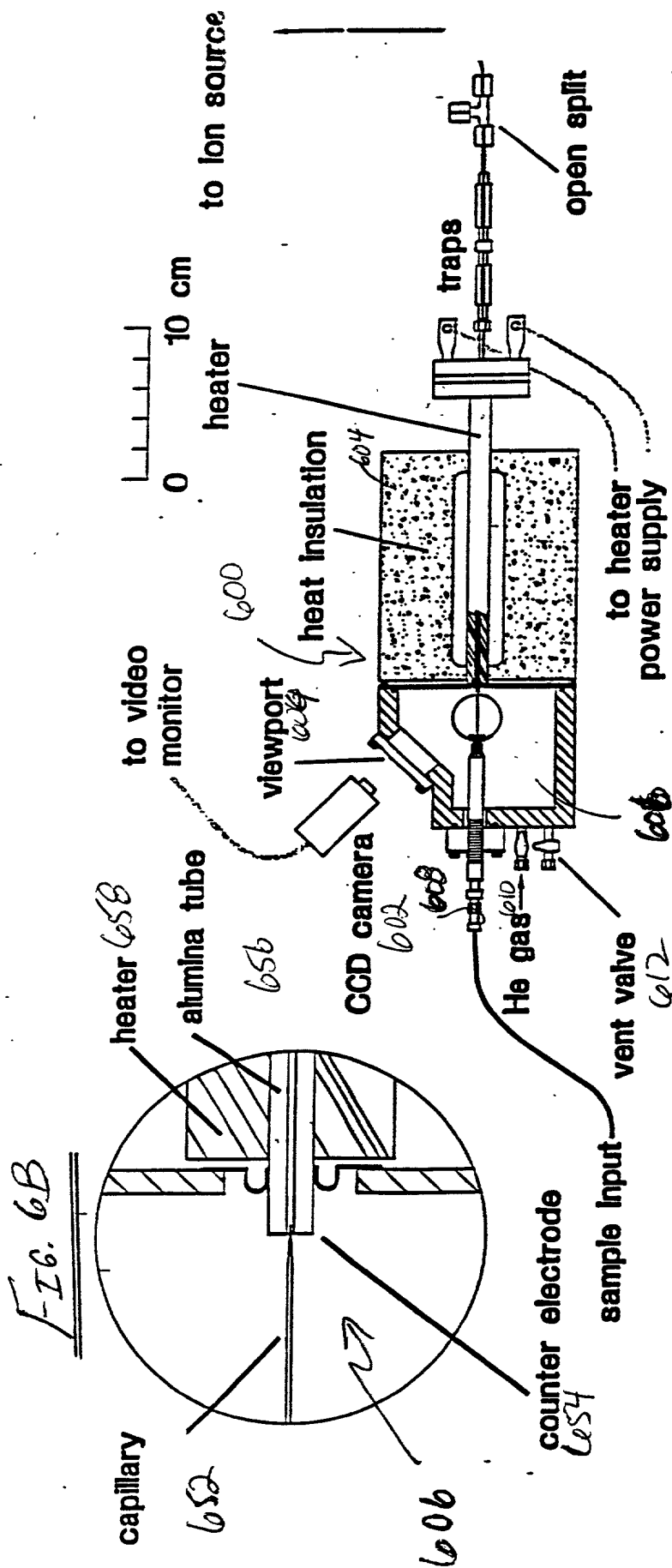
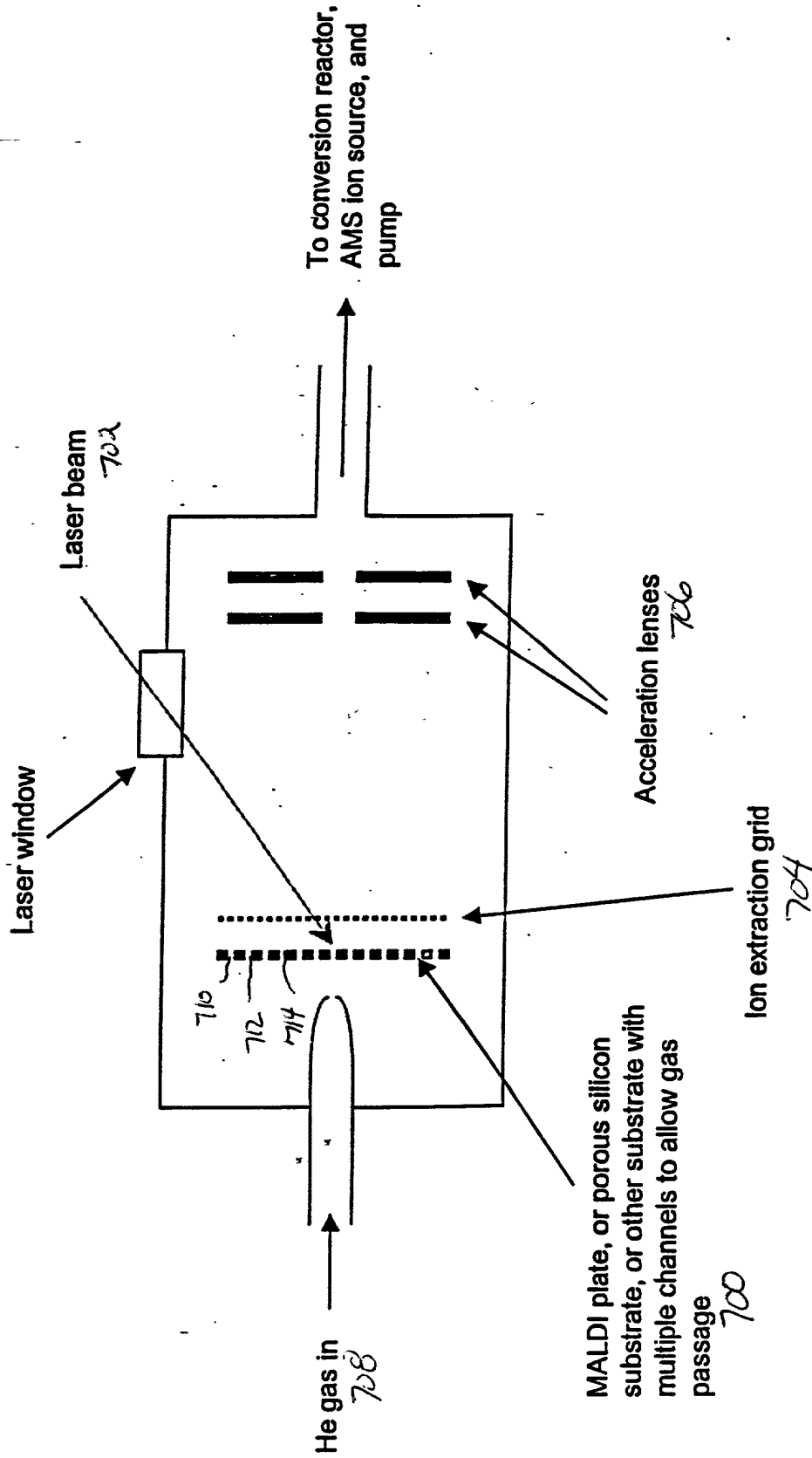


FIG. 5



Fig. 7



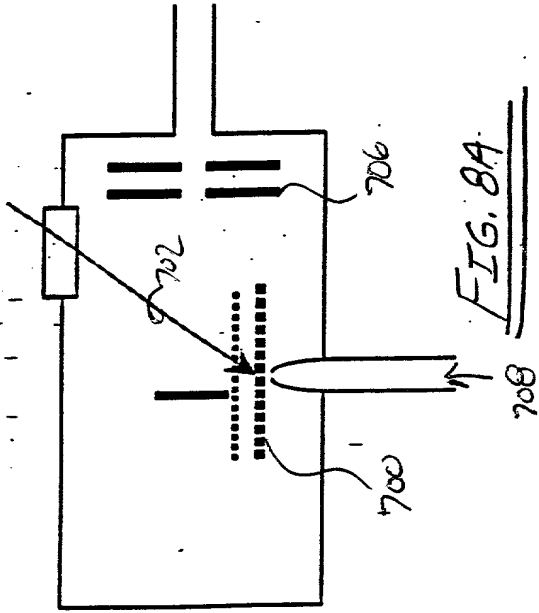


FIG. 8A

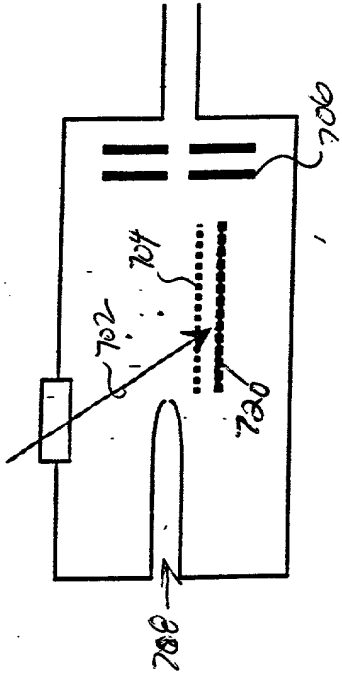


FIG. 8B

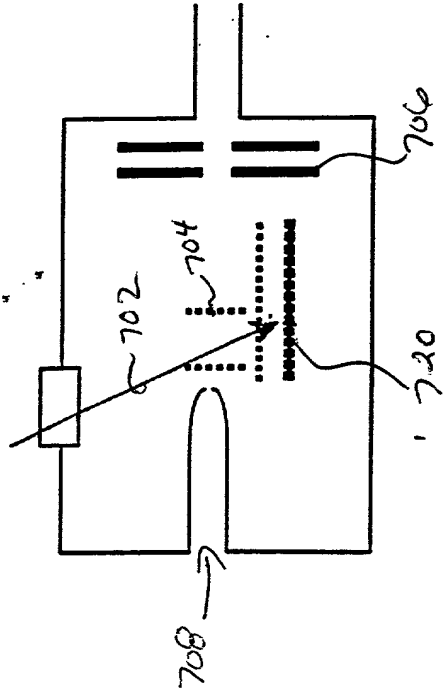


FIG. 8C

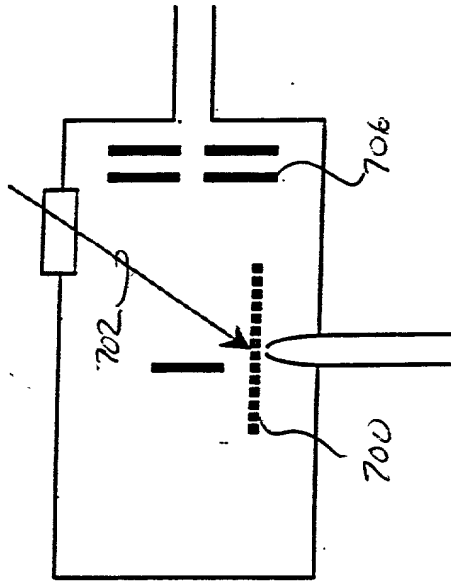


FIG. 8D

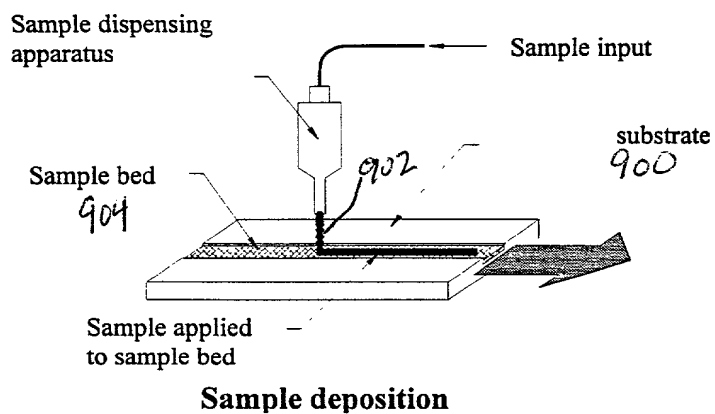


FIG. 9A

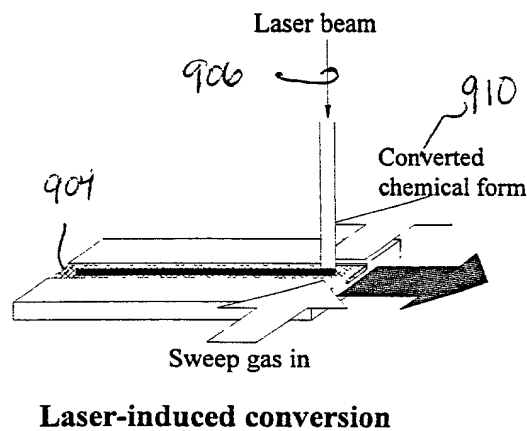


FIG. 9B

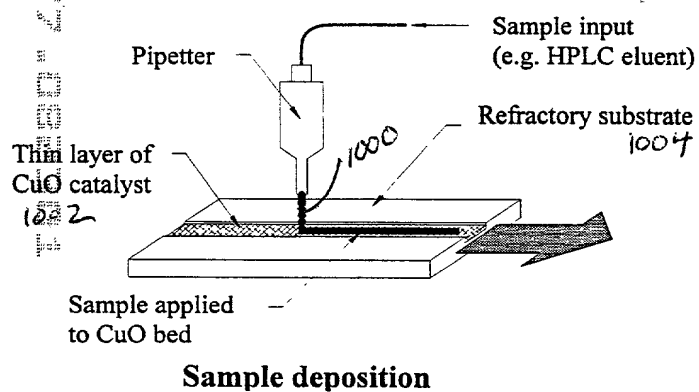


FIG. 10A

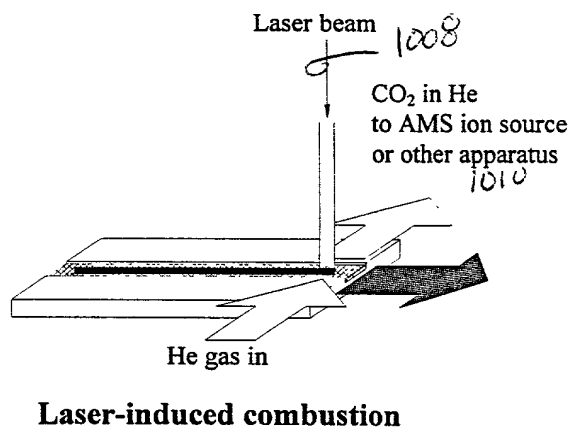


FIG. 10B

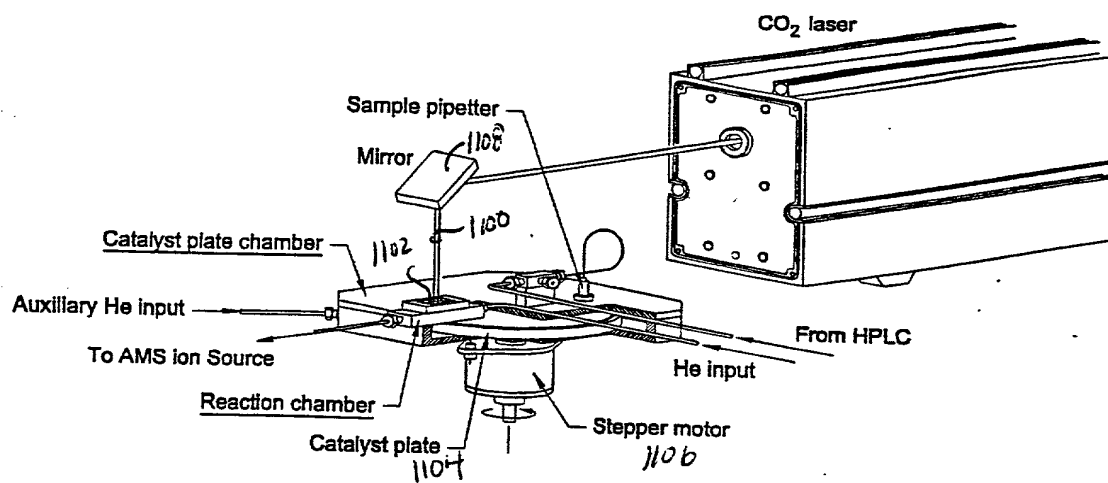


FIG. 11A

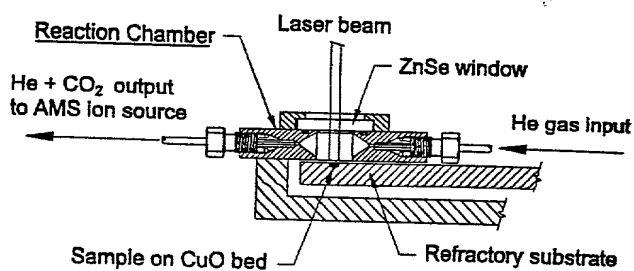


FIG. 11B

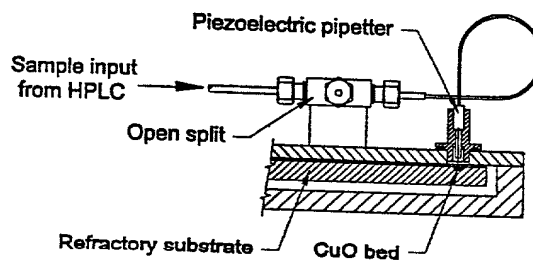


FIG. 11C

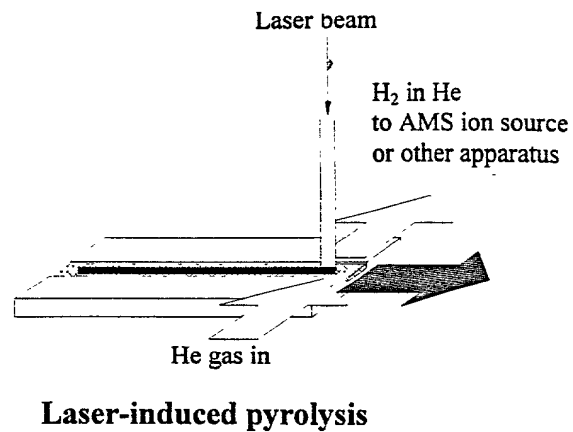
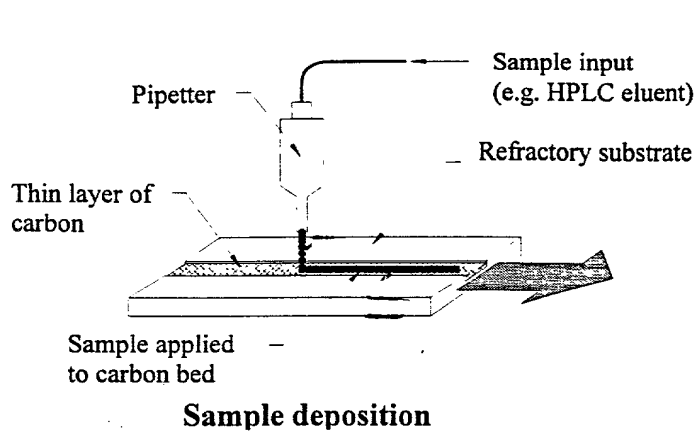


FIG. 12A

FIG. 12B

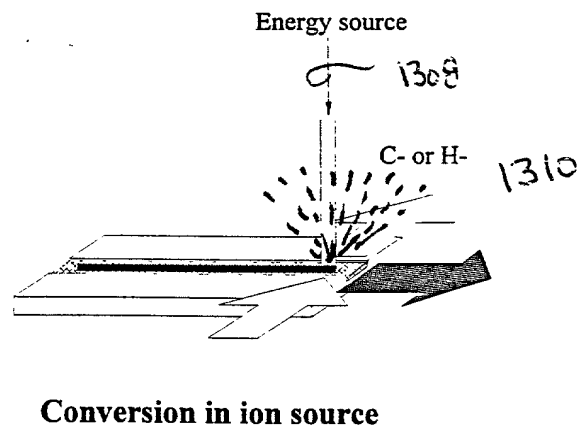
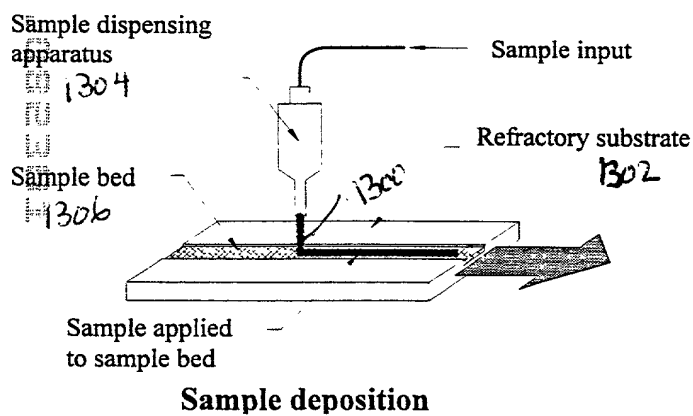


FIG. 13A

FIG. 13B

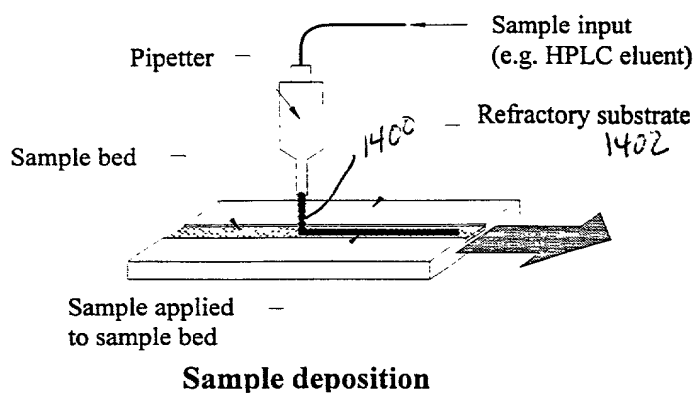


FIG. 14A

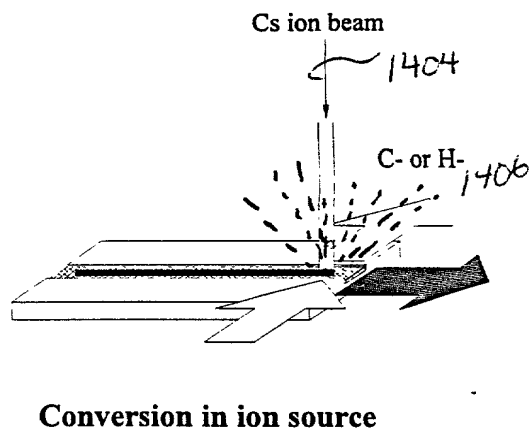


FIG. 14B

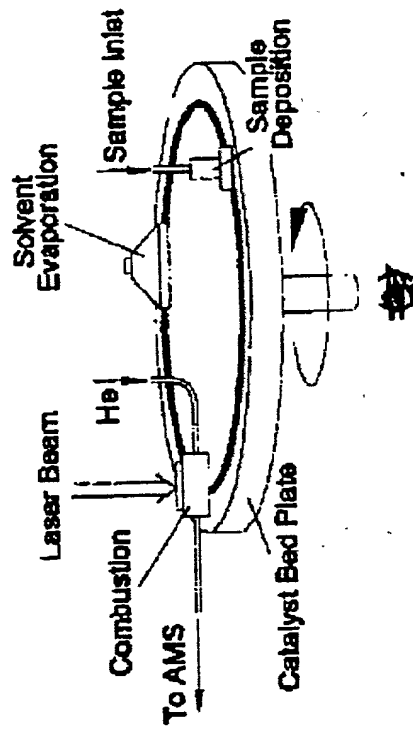


Fig. 15

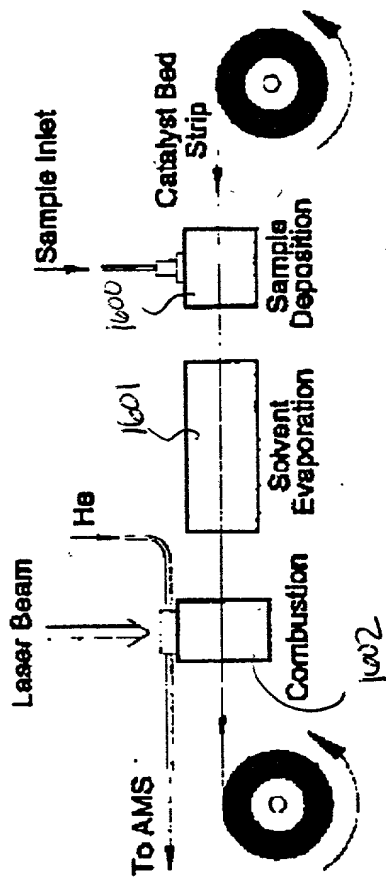


FIG. 16